

LICENSE FREE

WPC Approved , Govt Order No.-1047 (E)
Dated 18 Oct., 2018

Aspera®

HIGH PERFORMANCE TWO WAY RADIO



MANNASREKHA®
ENTERPRISES



VOX



PC
Programming



Squelch Levels



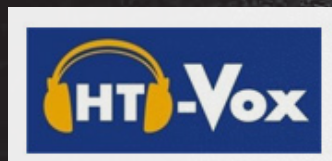
Scan



TOT



Flashlight



- Frequency: PMR446 MHz
- Battery Capacity: 2200 mAh
- Power Output: 0.5W
- Squelch Levels: 0-9
- CTCSS/DCS STE
- Monitor

- VOX
- PC Programming
- Wide/Narrow Bands
- Low Battery Alert
- Busy Channel Lockout (BCL)
- Auto Power Saving

V-9



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Technical Specifications

General

Frequency Range	446.0~446.2MHz
Channel Capacity	16
Channel Spacing	25KHz/12.5KHz
Operating Temperature	-20℃~+60℃
Antenna Impedance	50Ω
Working Voltage	7.4VDC(±20%)
Battery Capacity	2200mAh (Li-Poly)
Frequency Stability	≤±2.5ppm
Dimensions	126*61*40mm
Weight	238g (Battery included)

Transmitter

Power Output	0.5W
Modulation	16KDF3E(Width)/8K50F3E(Narrow)
Noise and Harmonic	≤-36dB
FM Noise	≤-40dB
Audio Distortion	≤5%
Adjacent Channel Power	≥55 dB(Width)/55 dB(Narrow)
Modulation Limitation	≤5KHz(Width)/2.5KHz(Narrow)

Receiver

Sensitivity	≤0.2μV(Width)/ 0.25μV (Narrow)
Adjacent Channel Selectivity	≥60dB(Width)/ 50dB (Narrow)
Intermodulation	≥60dB(Width)/ 50dB (Narrow)
Spurious Suppression	≥60dB(Width)/ 50dB (Narrow)
SNR	≥45dB(Width)/ 40dB (Narrow)
Audio Output Power	0.5W
Audio Distortion	0.05

Standard Accessories



Stubby Antenna



Belt Clip



Battery



Charger



Adapter

Optional Accessories



Whip Antenna



Programming Cable



Earpiece



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